

I CLAIM:

1. An apparatus for maintaining magnets in an opposing relationship; comprising:

a first magnet having a first magnetic field in a first orientation;

a second magnet having a second magnetic field in a second orientation that substantially opposes the first orientation;

a plurality of springs, each spring of the plurality of springs attached to the first and second magnets.

2. The apparatus of claim 1, wherein each spring comprises first and second arm portions and a coil portion disposed between the first and second arm portions.

3. The apparatus of claim 1, wherein the plurality of springs comprises four springs.

4. The apparatus of claim 3, wherein each spring of the plurality of springs is spaced orthogonally from other springs of the plurality of springs.

5. The apparatus of claim 1, wherein each spring of the plurality of springs is spaced equidistant from other springs of the plurality of springs.

6. The apparatus of claim 1, wherein at least one of the first and second magnets comprises a rare earth magnet.

7. The apparatus of claim 1, wherein the first magnetic field has a first strength and the second magnetic field has a second strength, and wherein the first strength is greater than the second strength.

8. An apparatus for maintaining magnets in an opposing relationship; comprising:

a first magnet having a first magnetic field in a first orientation;
 a first base member, the first magnet disposed on the first base member;
 a second magnet having a second magnetic field in a second orientation
that substantially opposes the first orientation;
 a second base member, the second magnet disposed on the second base
member;
 a plurality of springs, each spring of the plurality of springs attached to the
first and second base members.

9. The apparatus of claim 8, wherein the first base member comprises
a metal member.

10. The apparatus of claim 8, wherein the first base member comprises
a plurality of apertures and a portion of each spring of the plurality of springs is
disposed in one of the plurality of apertures.

11. The apparatus of claim 10, wherein each aperture of the plurality of
apertures comprises a hole or a notch.

12. The apparatus of claim 8, wherein at least one of the first and
second magnets comprises a rare earth magnet.

13. A support apparatus for supporting at least a portion of a body of an
individual, said support apparatus comprising:

 a first frame member;
 a second frame member;
 a plurality of coil members, each coil member attached to the first and
second frame members and comprising a first magnet having a first magnetic field
in a first orientation, a second magnet having a second magnetic field in a second
orientation, and a plurality of springs, each spring of the plurality of springs
attached to the first and second magnets; and
 a body support surface disposed on the first frame member.

14. The apparatus of claim 13, wherein a first set of the plurality of coil members comprises a first number of springs, a second set of the plurality of coil members comprises a second number of springs, and the first number is greater than the second number.

15. The apparatus of claim 13, wherein each spring comprises first and second arm portions and a coil portion disposed between the first and second arm portions.

16. The apparatus of claim 13, wherein at least one of the first and second magnets comprises a rare earth magnet.

17. The apparatus of claim 13, further comprising at least one spacing member disposed between the first and second frame members.

18. The apparatus of claim 17, wherein the at least one spacing member comprises a foam member.

19. The apparatus of claim 13, further comprising a covering surrounding the first frame member, the second frame member, and the body support surface.

20. The apparatus of claim 13, wherein the body support surface comprises a cushion member.